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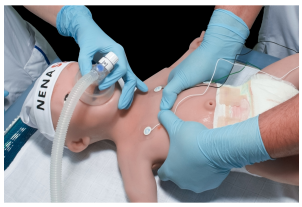
NENAsim Infant HPS, Light skin

Item No.	1020899
Weight	4.6 kg
Dimensions	55 x 12 x 50 cm
MPN:	NS01

Read More

SKU:

Categories:ALS Newborn



Product Description

NENAsim was created to complement realistic multidisciplinary team or individual baby patient simulation training. NENAsim is a neonatal simulator with unprecedented level of realism and offers an ideal training solution for a wide range of healthcare professionals including patient care, emergency medical intervention and resuscitation training.

The NENAsim system consists of four components:

1. Baby simulator

2. Simulation software

3. Carrying case

4. Charger

NENAsim comes with a software which provides WI-FI communication between the baby and the monitor. It has a user-friendly touchscreen interface which allows to control the NENAsim baby simulator movements and shows its vital signs. Configurable parameters are displayed on the patient monitor for the real-time training interaction.

The NENAsim patient monitor is a perfect tool for training baby examination. It has the following parameters for setting up various scenarios: blood pressure, heart-rate, ECGs, SpO2, CO2, ABP, CVP, PAP, PCWP, NIBP, TOF and many more. Trainees learn from monitoring the displayed parameters – it enables them to deduct the correlation between the measured values and the clinical picture of the patient, thus helping in recognising and managing paediatric emergencies.

Realistic Anatomy

NENAsim has a lifelike appearance and movement of the eyes, head and neck. The silicon skin changes its temperature, whereas no visible artificial joints make its outer appearance even more realistic. Variable breathing patterns as well as torso motion can be controlled via provided software.

Airway Management

Paediatric airway management remains the most difficult task that many healthcare professionals need to face. Success of any technique or clinical performance depends on constant training which comes from understanding anatomical and paediatric airway facilities. NENAsim allows to perform all aspects of neonatal airway management training and gives trainees the necessary confidence to deal with their

little patients in the future.

Breathing

Newborns and infants might experience breathing difficulties resulting from several different illnesses. NENAsim offers a variety of difficult breathing patterns and complications to help learners tackle these difficult problems in the future. Apart from that, NENAsim would make the training even more realistic through its vocal sounds: crying, coughing or hiccupping.

CPR

About one quarter of all neonatal deaths are caused by failing to initiate and sustain breathing at birth. Effective resuscitation can prevent a large proportion of these deaths - NENAsim has been designed to teach the fundamentals of infant CPR and trauma care. Open the airway by tilting NENASim's head and chin, and begin the resuscitation.

Blood circulation

Blood pressure, pulse rate and respiratory rate are the routine vital signs measured in neonatal care. NENAsim offers versatile BP and ECG features, all of which can be controlled and displayed on the monitor.

Software

The user-friendly software provides WI-FI communication between the baby simulator and the monitor. Due to this wireless connection, the training sessions can be conducted both indoors and outdoors to maximize the lifelike training. The trainer can choose from one of the 5 available standard scenarios or build his own. New parameters can be added at any time in order to alter the existing scenarios. Individual as well as team trainings with different language options are possible.

The creators of NENAsim believe that realistic simulation training is an essential step in improving healthcare. Medical professionals need to be able to put their acquired knowledge into practice without harming real patients. Confidence, competence and experience have to be built up from realistic clinical training.

Compatible with both Microsoft Windows and MacOS

	Infant Care	Infant ALS	Infant ALS with Basic Software	ALS+ am Säugling mit Basic Software	Infant Human Patient Simulator (HPS)

Item No.	Boy 1021099 Girl 1021098	Boy 1021103 Girl 1021102	Boy 1021104 Girl 1021105	Boy 1021106 Girl 1021107	Light skin 1020899 Dark skin 1018876
Patient care procedures	Yes	Yes	Yes	Yes	Yes
Airway management					
Realistic airway	-	Yes	Yes	Yes	Yes
Intubation, oxygen delivery procedures	-	Yes	Yes	Yes	Yes
Spontaneous breathing	-	-	-	Yes	Yes
CPR					
Head tilt, chin lift and jaw thrust	-	Yes	Yes	Yes	Yes
CPR compressions	-	-	-	Yes	Yes
Live defibrillation, pacing and cardioversion	-	-	-	-	Yes
Software feedback on CPR	-	-	Yes	Yes	Yes
Kardiovaskulär					
ECG & 12 lead display	-	-	-	-	Yes
Palpable pulse points	-	-	-	-	Yes
Blood circulation vital signs	-	-	Yes	Yes	Yes
Auscultation & Sounds					
Vocal sounds as well as heart, lung and bowel sounds	-	-	-	-	Yes
Normal and abnormal breath sounds	-	-	-	-	Yes
Wireless stethoscope	-	-	-	-	Yes
Additional features					
IV arm, IO leg	-	-	-	-	Yes
Head and eyelid movement	-	-	-	-	Yes

Software features	-	-	basic	basic	advanced
Weight	2 kg	2.5 kg	2.5 kg	5 kg	5 kg